Refine Search

Search Results -

Terms	Documents
6805879.pn.	1

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L3

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Sunday, September 10, 2006 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L3	6805879.pn.	1	L3
L2	6284375.pn.	1	L2
DB=PGPB,USPT; PLUR=YES; OP=OR			
L1	Tuo near Jin	13	L1

END OF SEARCH HISTORY

Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
L18 and (por$ same (alumina or silica or cellulose))	14

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L19

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Sunday, September 10, 2006 Purge Queries | Printable Copy | Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L19	L18 and (por$ same (alumina or silica or cellulose))	14	L19
L18	L17 and (capsule or tablet or granule or (coated adj (tablet or granule)))	1116	L18
L17	L15 and carrier	1121	L17
L16	L15 and (por$ same (alumina or silica or cellulose))	15	L16
L15	L8 and (alumina or silica or cellulose)	1136	L15
L14	L12 and (por$ same (alumina or silica or cellulose))	2	L14
L13	L12 and (por$ near5 (alumina or silica or cellulose))	1	L13
L12	L11 and (alumina or silica or cellulose)	117	L12
L11	L8 and (cyclosporine or triamterene or acyclovir or doxorubicin or labetalol or doxepin or methyldopa or pentoxifill)	129	L11

L10	L8 and (cyclosporine or triamterene or acyclovir, or doxorubicin or labetalol or doxepin or methyldopa or pentoxifill)	129	L10
L9	L8 and (surface adj area)	61	L9
L8	L5 and emulsion	1220	L8
L7	L5 and (porous near5 powder)	28	L7
L6	L5 and (porous adj powder)	4	L6
L5	L4 and (powder adj solution)	1308	L5
L4	L3 and (powder same (lipid or phospholipid or surfactant))	11595	L4
L3	(porous or tablet$ or (compress$ or (free near flowing))) near10 powder	152833	L3

DB=USPT; PLUR=YES; OP=OR

L2	6241997.pn.	1	L2
L1	6280770.pn.	1	L1

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 19:51:48 ON 10 SEP 2006)

FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 19:52:08 ON 10 SEP 2006

L1	1838	S POWDER(W)SOLUTION
L2	32	S L1 AND (POR? (5A) (ALUMINA OR SILICA OR CELLULOSE))
L3	32	DUPLICATE REMOVE L2 (0 DUPLICATES REMOVED)
L4	32	FOCUS L3 1-
L5	38	S L1 (P) (COMPRESS? OR (FREE(W)FLOWING) OR POROUS)
L6	3	S L5 AND (DISOL? OR DISSOLUTION OR DISPERS?) (P) (INSOLUBLE OR
L7	3	DUPLICATE REMOVE L6 (0 DUPLICATES REMOVED)
L8	0	S L1 (P) (INSOLUBLE (5A) (DRUG OR PHARMACEUTICAL))
L9	374	S L1 AND POROUS
L10	215	S L9 AND (INSOLUBLE (P) (DRUG OR MEDICAMENT OR PHARMACEUTICAL)
L11	1	S L10 AND (POROUS (10A) (ALUMINA OR SILICA OR CELLULOSE))

L11 ANSWER 1 OF 1 USPATFULL on STN

TI Solid dosage forms for rapid dissolution of poorly soluble drugs

AB This invention demonstrated novel pharmaceutical compositions that improve dissolution, water dispersion and/or oral absorption of insoluble or poorly soluble drugs without increase in formulation complicity and patient appliance as compared with conventional solid-dosage form. The compositions of the present invention comprise a lipid or mixed lipids that dissolve the insoluble or poorly soluble drugs and forms solution, micelles, microemulsion or emulsion with the drugs in aqueous media. The compositions further comprise a porous powder or mixed porous powder that absorb the drug-lipid melts in a considerable amount (>than their own mass) while remaining free flowing and compressible in nature. Due to their excellent effectiveness-simplicity ratio, the compositions of this invention have a wide applicability to therapeutic compounds whose efficacy is limited by poor solubility, low dissolution rate and less absorption.

ACCESSION NUMBER: 2004:1869 USPATFULL

TITLE: Solid dosage forms for rapid dissolution of poorly soluble drugs

INVENTOR(S): Jin, Tuo, Highland Park, NJ, UNITED STATES

PATENT ASSIGNEE(S): BioPharm Solutions Inc. (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004001888	A1	20040101	
APPLICATION INFO.:	US 2003-606344	A1	20030626	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-391756P	20020626 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Albert Wai-Kit Chan, Law Offices of Albert Wai-Kit Chan, LLC, World Plaza, Suite 604, 141-07 20th Avenue, Whitestone, NY, 11357

NUMBER OF CLAIMS: 19

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 5 Drawing Page(s)

LINE COUNT: 632

CAS INDEXING IS AVAILABLE FOR THIS PATENT